



UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/645,954
Applicant : VITERI, Fermin
Filed : 08/22/2003
TC/A.U. : 3748
Examiner : RICHTER, Sheldon J.

Docket No. : 3110.001

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

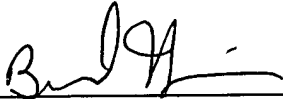
In accordance with the requirements of 37 C.F.R. §§1.97 and 1.98, the undersigned requests that the information contained herein be considered by the Office.

REMARKS

The information to be considered includes: a form PTO-1449 listing references and a copy of the listed references, in accordance with 37 C.F.R. §1.98. The information contained herein does not constitute any admission that any of the references included herein qualify as prior art, or any admission of any dates of conception, dates of reduction to practice, or presence or absence of diligence in reducing the invention to practice. Applicant reserves the right to challenge the prior art status of these references.

This document is filed before a first Office action on the merits of this case, and hence should be considered as timely filed. Should the examiner have any questions upon his review of the above information, the undersigned requests that the examiner contact the undersigned by phone.

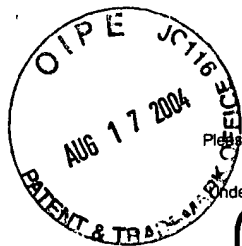
Respectfully Submitted:



Bradley P. Heisler
Applicant's Attorney
Telephone (916) 781-6634
Registration No.: 35,892

7-29-04

Date



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PTO/SB/08A (10-96)
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/645,954	
			Filing Date	08/22/2003	
			First Named Inventor	VITERI, Fernin	
			Group Art Unit	3748	
			Examiner Name	RICHTER, Sheldon J	
Sheet	1	of	16	Attorney Docket Number	3110.001

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		864,017		Miller	08-20-1907	
		886,274		Tate	04-28-1908	
		1,013,907		Taylor	01-09-1912	
		1,227,275		Kraus	05-22-1917	
		1,372,121		Davis	03-22-1921	
		1,820,755		McMullen	08-25-1931	
		1,828,784		Perrin	10-27-1931	
		2,004,317		Forster	06-11-1935	
		2,033,010		Russell	03-03-1936	
		2,078,956		Lysholm	05-04-1937	
		2,168,313		Bichowsky	08-08-1939	
		2,218,281		Ridder	10-15-1940	
		2,359,108		Hoskins	09-26-1944	
		2,368,827		Hanson	02-06-1945	
		2,374,710		Smith	05-01-1945	
		2,417,835		Moore	03-25-1947	
		2,428,136		Barr	09-30-1947	
		2,469,238		Newton	05-03-1949	
		2,476,031		Farkas	07-12-1949	
		2,478,682		Blackwood	08-09-1949	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		GB	6394		Smith	05-28-1898		
		FR	350,612		Braun	01-07-1905		
		GB	140,516		Torazzi	03-23-1920		
		GB	271,706		Schmid	05-26-1927		
		DE	1,301,821		Fabian	08-28-1969		
		DE	2,933,932		Sternfeld	12-09-1982		
		DE	3,122,338		Rohatscheck	05-19-1983		
		DE	2,111,602		Stahl	07-06-1983		
		EP	0,197,555		Ramsaier	04-09-1986		
		DE	3,512,947		Ramsaier	10-16-1986		

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				Group Art Unit	3748
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		2,487,435		Goddard	11-08-1949	
		2,523,656		Goddard	09-26-1950	
		2,547,093		Ray	04-03-1951	
		2,563,028		Goddard	08-07-1951	
		2,568,787		Bosch	09-25-1951	
		2,582,938		Eastman	01-15-1952	
		2,605,610		Hermitte	08-05-1952	
		2,621,475		Loy	12-16-1952	
		2,636,345		Zoller	04-28-1953	
		2,654,217		Rettaliata	10-06-1953	
		2,656,677		Peterson	10-27-1953	
		2,662,373		Sherry	12-15-1953	
		2,678,531		Miller	05-18-1954	
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		2,697,482		Blizard	12-21-1954	
		2,717,491		Barr	09-13-1955	
		2,722,100		Goddard	11-01-1955	
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		2,770,097		Walker	11-13-1956	
		2,832,194		Kuhner	04-29-1958	

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		Office3	Number4	Kind Code5 (if known)				
		EP	0413199		Siemens	02-20-1991		
		JP	WO 91/02886		Muraki	03-07-1991		
		EP	0546501		Drnevich	06-16-1993		
		US	WO 94/10427		Ginter	05-11-1994		
		EP	06318464		Hiroshi	11-15-1994		
		EP	0634562		Scharpf	01-18-1995		
		US	WO 96/07024		Beichel	03-07-1996		
		US	WO 97/44574		Collin	11-27-1997		
		US	WO 99/22127		Beichel	05-06-1999		
		US	WO 99/63210		Ursin	12-09-1999		

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First Named Inventor		VITERI, Fermin			
Group Art Unit		3748			
Examiner Name		RICHTER, Sheldon J.			
Attorney Docket Number		3110.001			
Sheet	3	of	16		

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		Number	Kind Code ² (if known)			
		2,869,324		Foote	01-20-1959	
		2,884,912		Lewis	05-05-1959	
		2,916,877		Walter	12-15-1959	
		2,986,882		Pavlecka	06-06-1961	
		3,038,308		Fuller	06-12-1962	
		3,054,257		Schelp	09-18-1962	
		3,101,592		Robertson	08-27-1963	
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		3,183,864		Stengel	05-18-1965	
		3,238,719		Harslem	03-08-1966	
		3,298,176		Forsyth	01-17-1967	
		3,302,596		Zinn	02-07-1967	
		3,315,467		DeWitt	04-25-1967	
		3,331,671		Goodwin	07-18-1967	
		3,335,565		Aguet	08-15-1967	
		3,359,723		Bohensky	12-26-1967	
		3,385,381		Calaman	05-28-1968	
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		3,559,402		Stone	02-02-1971	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		EP	2001015134		Yasuaki	01-19-2001		
		EP	2001085036		Tadashi	03-30-2001		
		US	WO 01/75277		Demetri	10-11-2001		

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		Number	Kind Code ² (if known)			
		3,574,507		Kydd	04-13-1971	
		3,608,529		Smith	09-28-1971	
		3,649,469		MacBeth	03-14-1972	
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		3,693,347		Kydd	09-26-1972	
		3,702,110		Hoffman	11-07-1972	
		3,703,807		Rice	11-28-1972	
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		3,751,906		Leas	08-14-1973	
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		3,779,212		Wagner	12-18-1973	
		3,792,690		Cooper	02-19-1974	
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		3,826,080		DeCorso	07-30-1974	
		3,831,373		Flynt	08-27-1974	

[illegible]

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		Number	Kind Code ² (if known)			
		3,850,569		Alquist	11-26-1974	
		3,854,283		Stirling	12-17-1974	
		3,862,624		Underwood	01-28-1975	
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		3,928,961		Pfefferle	12-30-1975	
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		4,063,414		Sata	12-20-1977	
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		4,133,171		Earnest	01-09-1979	
		4,148,185		Somers	04-10-1979	
		4,193,259		Muenger	03-18-1980	
		4,194,890		McCombs	03-25-1980	
		4,199,327		Hempill	04-22-1980	
		4,224,299		Barber	09-23-1980	
		4,224,991		Sowa	09-30-1980	
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		4,271,664		Earnest	06-09-1981	

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		4,273,743		Barber	06-16-1981	
		4,297,841		Cheng	11-03-1981	
		4,313,300		Wilkes	02-02-1982	
		4,327,547		Hughes	05-04-1982	
		4,377,067		Sternfeld	03-22-1983	
		4,425,755		Hughes	01-17-1984	
		4,426,842		Collet	01-24-1984	
		4,434,613		Stahl	03-06-1984	
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		4,465,023		Wagner	08-14-1984	
		4,498,289		Osgerby	02-12-1985	
		4,499,721		Cheng	02-19-1985	
		4,509,324		Urbach	04-09-1985	
		4,519,769		Tanaka	05-28-1985	
		4,528,811		Stahl	07-16-1985	
		4,533,314		Herberling	08-06-1985	
		4,549,397		Cheng	10-29-1985	
		4,622,007		Gitman	11-11-1986	
		4,631,914		Hines	12-30-1986	
		4,657,009		Zen	04-14-1987	

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		5,088,450		Sternfeld	02-18-1992	
		5,103,630		Correa	04-14-1992	
		5,131,225		Roettger	07-21-1992	
		5,175,994		Fox	01-05-1993	
		5,175,995		Pak	01-05-1993	
		5,247,791		Pak	09-28-1993	
		5,265,410		Hisatome	11-30-1993	
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		5,304,356		Iijima	04-19-1994	
		5,329,758		Urbach	07-19-1994	
		5,353,589		Althaus	10-11-1994	
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		5,364,611		Iijima	11-15-1994	
		5,413,879		Domeracki	05-09-1995	
		5,417,053		Uji	05-23-1995	
		5,449,568		Micheli	09-12-1995	
		RE35,061		Correa	10-17-1995	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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Application Number		10/645,954			
Filing Date		08/22/2003			
First Named Inventor		VITERI, Fermin			
Group Art Unit		3748			
Examiner Name		RICHTER, Sheldon J.			
Attorney Docket Number		3110.001			
Sheet	9	of	16		

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
		5,490,377		Janes	02-13-1996	
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		5,680,764		Viteri	10-28-1997	
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		5,709,077		Beichel	01-20-1998	

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				First Named Inventor	VITERI, Fermin
				Group Art Unit	3748
				Examiner Name	RICHTER, Sheldon J.
				Attorney Docket Number	3110.001
Sheet	10	of	16		

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		Number	Kind Code ² (if known)			
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		6,607,854		Rehg	08-19-2003	

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				Application Number	10/645,954
				Filing Date	08/22/2003
				First Named Inventor	VITERI, Fermin
				Group Art Unit	3748
				Examiner Name	RICHTER, Sheldon J.
Sheet	11	of	16	Attorney Docket Number	3110.001

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Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/645,954	
			Filing Date	08/22/2003	
			First Named Inventor	VITERI, Fermin	
			Group Art Unit	3748	
			Examiner Name	RICHTER, Sheldon J.	
Sheet	12	of	16	Attorney Docket Number	3110.001

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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		Application Number	10/645,954		
		Filing Date	08/22/2003		
		First Named Inventor	VITERI, Fermin		
		Group Art Unit	3748		
		Examiner Name	RICHTER, Sheldon J.		
		Attorney Docket Number	3110.001		
Sheet	13	of	16		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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		HENDRIKS, C.A. et al.; Carbon Dioxide Recovery Using a Dual Gas Turbine IGCC Plant; Energy Convers. Mgmt.; 1992; pp. 387-396; Vol. 33, No. 5-8; Pergamon Press Ltd.; Great Britain	
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		KOLP, D. A. et al.; Advantages of Air Conditioning and Supercharging an LM6000 Gas Turbine Inlet; Journal of Engineering for Gas Turbines and Power; July 1995; Vol. 117	
		EPA Proposes Across-the-Board Phase II NOx Limitations; Air Pollution Regulatory Analysis Service; January 19, 1996; Article No. 96-2	

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			Filing Date	08/22/2003
			First Named Inventor	VITERI, Fermin
			Group Art Unit	3748
			Examiner Name	RICHTER, Sheldon J.
Sheet	14	of		16
			Attorney Docket Number	3110.001

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		AGAZZANI, A. et al.; An Assessment of the Performance of Closed Cycles with and without Heat Rejection at Cryogenic Temperatures; International Gas Turbine and Aeroengine Congress & Exhibition; June 10-13, 1996; Birmingham, UK	
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		ULIZAR, I. et al.; A Semiclosed-Cycle Gas Turbine with Carbon Dioxide-Argon as Working Fluid; Journal of Engineering for Gas Turbines and Power; July 1997; pp. 612-616; Vol. 19	
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		BANNISTER, R. L. et al.; Development of a Hydrogen-Fueled Combustion Turbine Cycle for Power Generation; Transactions of the ASME; April 1998; pp. 276-283; Vol. 120	
		MATHIEU, P. et al.; Zero-Emission MATIANT Cycle; Transactions of the ASME; January 1999; pp. 116-120, Vol. 121	

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				Filing Date	08/22/2003
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		Norwegian Idea for CO2-Free Power Generation; Greenhouse Issues; March 1999	
		AKER MARITIME; HiOx Gas Fired Power Plants without Atmospheric Emissions; June 1999	
		TURKENBURG, W. C. et al.; Fossil Fuels in a Sustainable Energy Supply: The Significance of CO2 Removal; A Memorandum at the Request of the Ministry of Economic Affairs the Hague; June 1999; pp. 1-26; Utrecht	
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